

PATENT

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AMENDMENT

IN THE CLAIMS:

Please cancel claim 16, and rewrite claim 1, as shown below in the detailed listing of all claims which are, or were, in this application:

1. (Currently amended) A method for activating and/or calcining olefin polymerization catalysts which contain transition materials as an active component or catalyst supports which contain oxidic compounds as a support material, said method comprising the steps of
 - (a) introducing and distributing gas in the lower section of a reactor containing a layer of catalyst or catalyst support,
 - (b) forming a fluidized bed in the reactor,
 - (c) treating the catalyst or catalyst carrier particles in the fluidized bed wherein the treatment of the catalyst or catalyst support is selected from the group consisting of an activation treatment, a calcination treatment and both an activation treatment and a calcination treatment, and
 - (d) discharging the reactor such that said reactor is substantially residue-free.

wherein said reactor has a bottom which tapers downwards, and
wherein said reactor has no gas distribution plate.

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2. (Original) A method as claimed in claim 1, wherein in addition relatively fine particles are removed and/or relatively large particles are retained by means of a separator.

3. (Previously presented) A method as claimed in claim 2, wherein said separator comprises at least one cyclone.

4. (Canceled)

5. (Previously presented) A method as claimed in claim 1, wherein at least one additional member selected from the group consisting of liquids, solids and gases is introduced into the fluidized bed.

Claims 6-13 (Canceled)

14. (Previously presented) The method of claim 1, wherein said reactor comprises
i) a reactor jacket comprising a reactor bottom which tapers downwards,

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ii) a pipe for introducing gas into the reactor located beneath the reactor bottom and connected to a gas inlet pipe for gas introduction.

iii) a device for discharging the reactor located beneath the reactor bottom, and

iv) a separator,
such that an angle β between said gas inlet pipe and the vertical is from 20 to 70°.

15. (Previously presented) The method of claim 14, wherein a cone angle α measured between the reactor jacket surfaces and said conical reactor base is from 20 to 120°.

16. (Cancelled)

17. (Previously presented) The method of claim 1, wherein said transition material comprises chromium or titanium.